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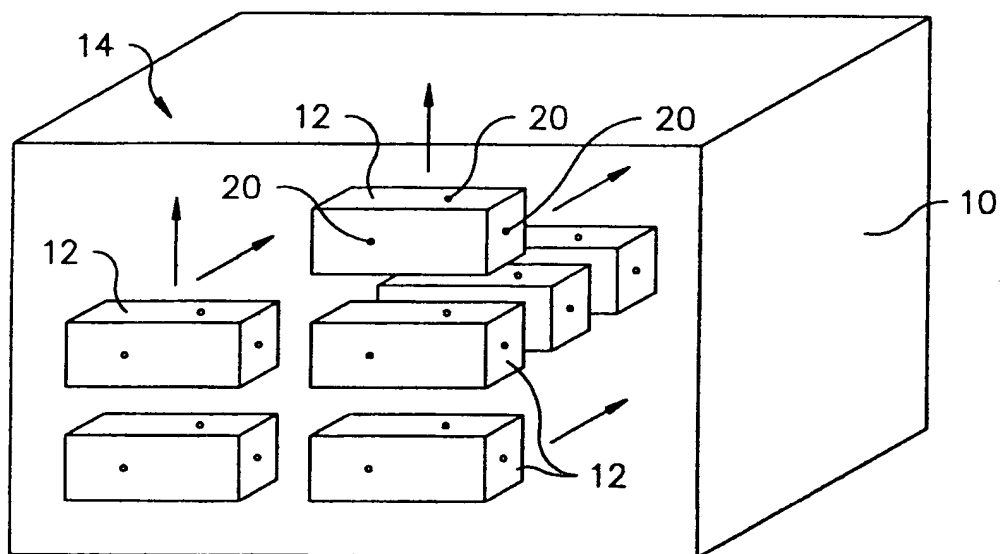
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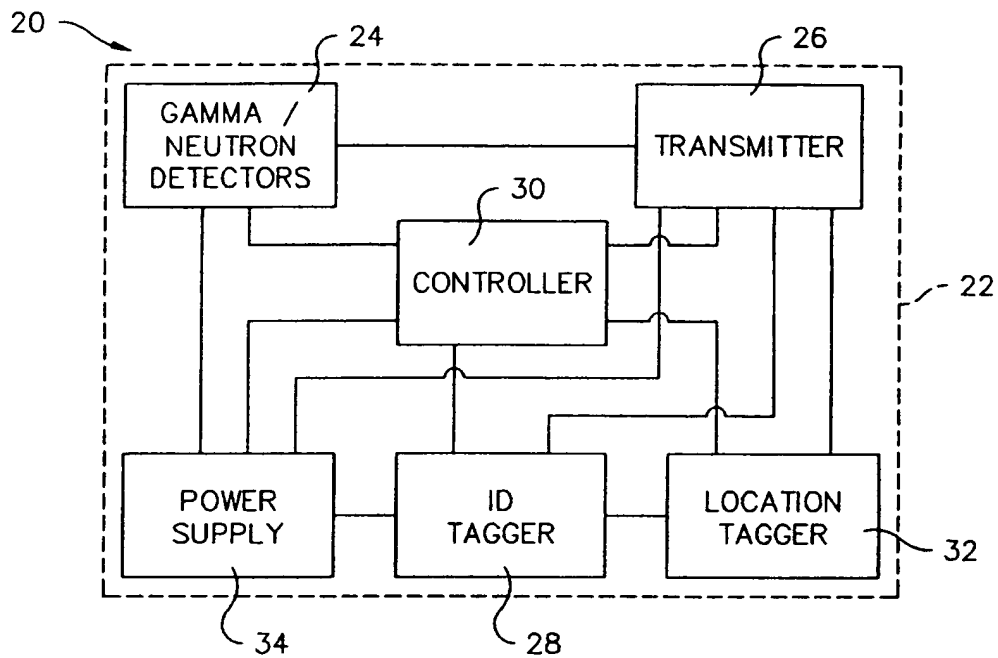
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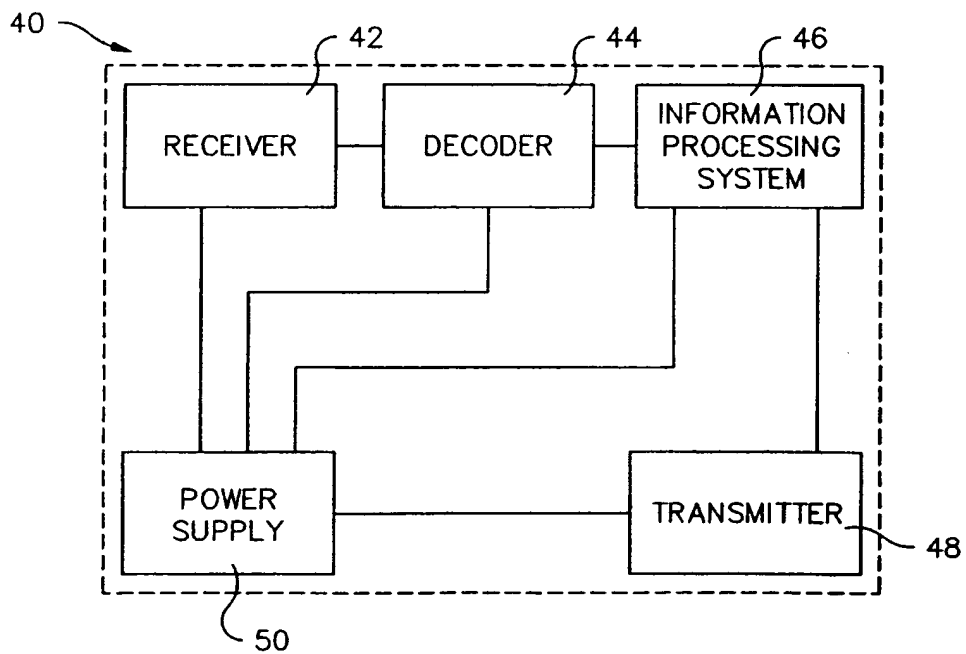
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***Fig. 1***



**Fig. 2**



**Fig. 3**



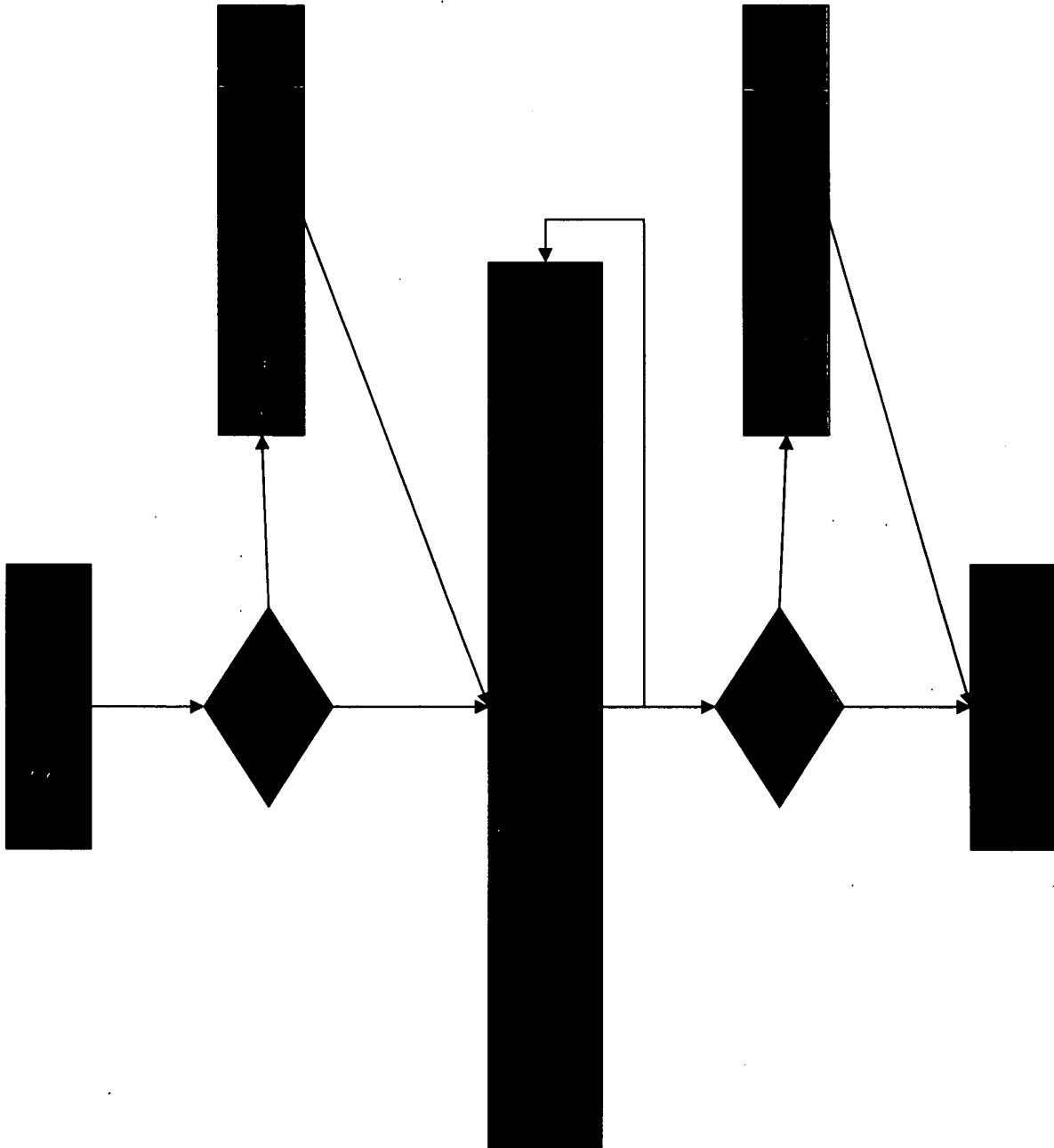
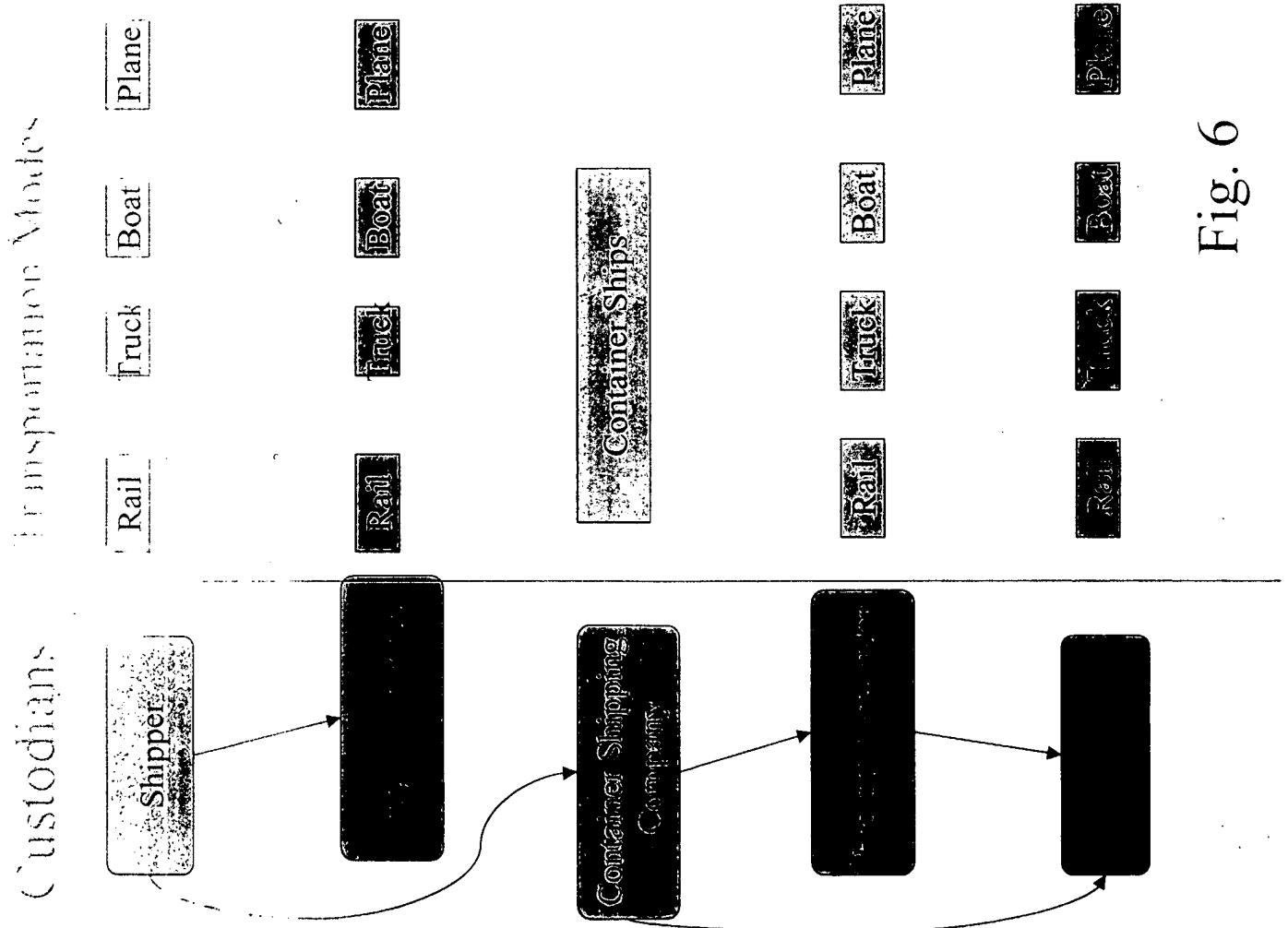
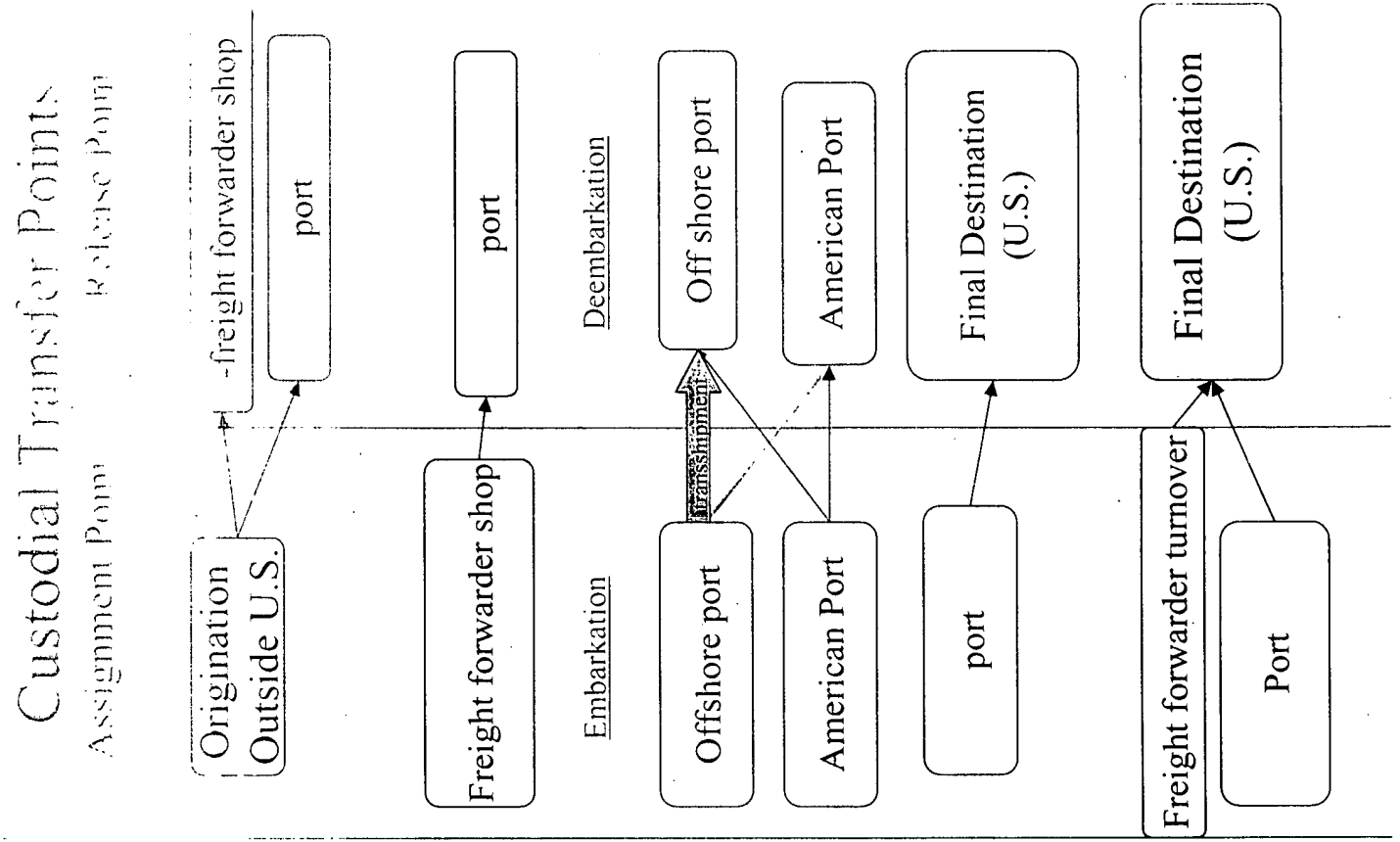
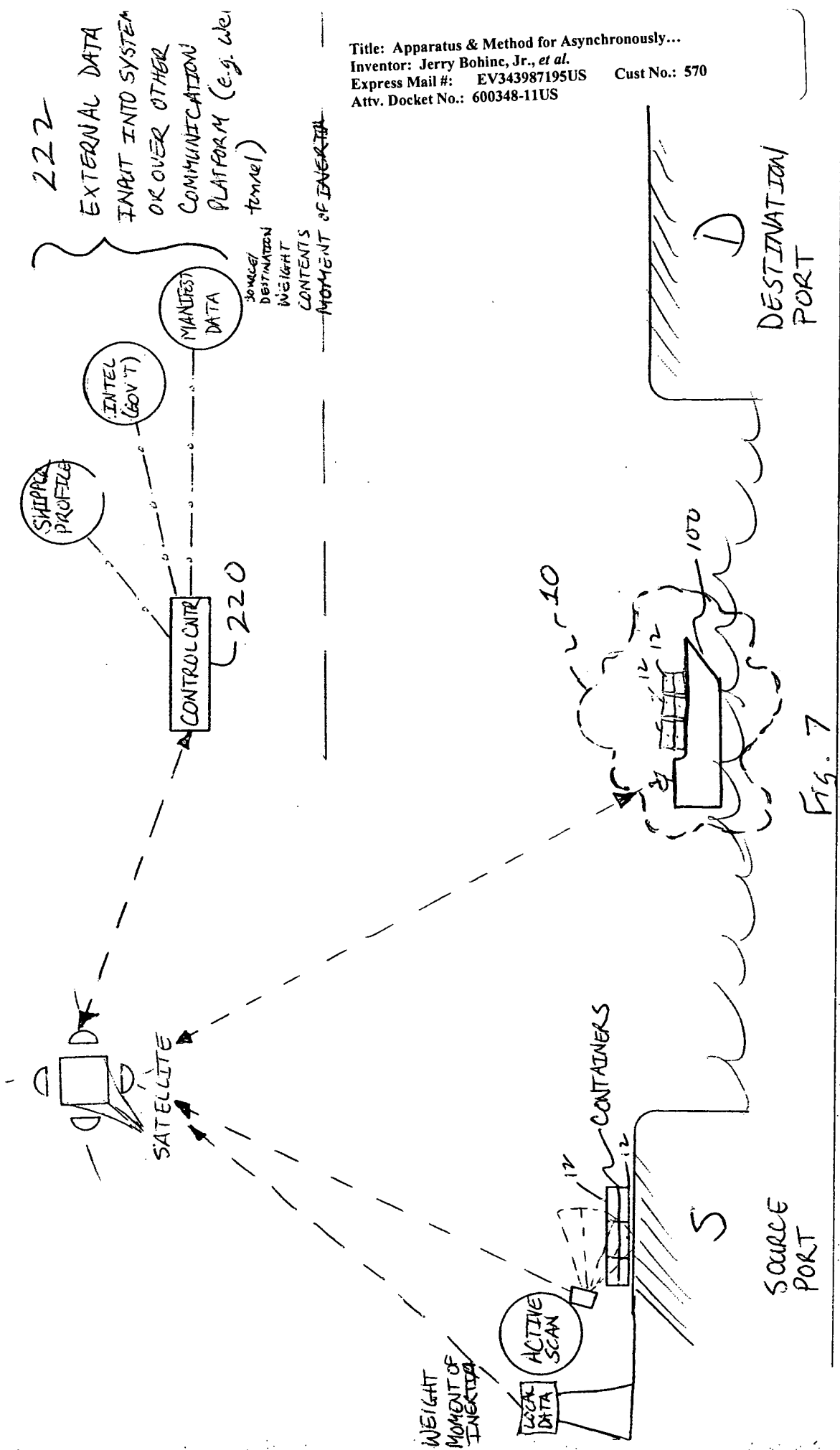


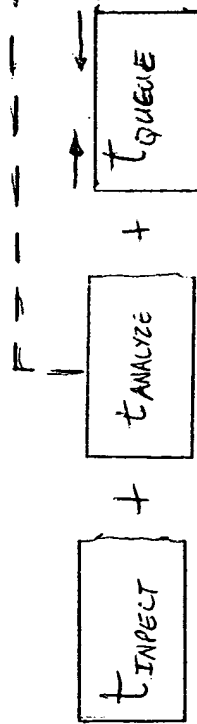
Fig. 5



200



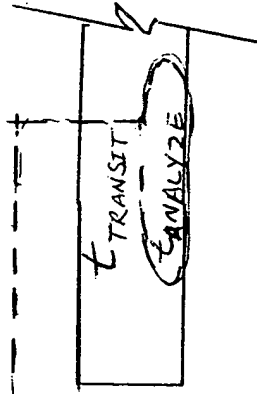
ACTIVE OR PASSIVE INSPECTION  
AT A PORT OF  
TIME T



$$T = t_{\text{INSPECT}} + t_{\text{ANALYZE}} + t_{\text{QUEUE}}$$

Where  $t_{\text{QUEUE}} = f(t_{\text{ANALYZE}})$

ACTIVE INSPECTION COMBINED  
WITH CARGO CONTAINER MONITORING  
SYSTEM 10



$$t_{\text{QUEUE}} \propto \text{CONSTANT}$$

OR  $t_{\text{QUEUE}} \neq f(t_{\text{ANALYZE}})$

Fig. 8